

Title (en)  
IMPROVED PROCESS FOR THE PRODUCTION OF SUPPORTED PALLADIUM-GOLD CATALYSTS

Title (de)  
VERBESSERTES VERFAHREN FÜR DIE HERSTELLUNG VON PALLADIUM - GOLD- TRÄGERKATALYSATOREN

Title (fr)  
AMELIORATION APPORTEE A UN PROCEDE DE PRODUCTION DE CATALYSEURS SUPPORTES CONTENANT DU PALLADIUM ET DE L'OR

Publication  
**EP 0949965 B1 20040630 (EN)**

Application  
**EP 97945590 A 19971029**

Priority

- US 9719996 W 19971029
- US 74154396 A 19961031

Abstract (en)  
[origin: WO9818553A1] An improved process for producing high activity and high selectivity supported palladium-gold catalysts is provided. The process involves calcining the support impregnated with a palladium salt and gold salt in a non-reducing atmosphere and at a temperature ranging from 100 DEG C to 600 DEG C prior to reducing the metals. Catalysts of the invention are useful for the production of vinyl acetate in the vapor phase by reaction of ethylene, acetic acid and oxygen.

IPC 1-7  
**B01J 23/52**; C07C 67/055; B01J 31/04; B01J 23/66; B01J 23/58

IPC 8 full level  
**B01J 23/52** (2006.01); **B01J 37/16** (2006.01); **C07B 61/00** (2006.01); **C07C 67/055** (2006.01); **C07C 69/15** (2006.01)

CPC (source: EP KR US)  
**B01J 23/52** (2013.01 - EP KR US); **C07C 67/055** (2013.01 - EP US)

Citation (examination)

- US 4490481 A 19841225 - BOITIAUX JEAN-PAUL [FR], et al
- CA 820352 A 19690812 - BAYER AG
- US 4087622 A 19780502 - NAKAMURA MICHIIHIRO, et al

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**WO 9818553 A1 19980507**; AT E270145 T1 20040715; AU 5102998 A 19980522; BR 9712398 A 19990831; CA 2268663 A1 19980507; CA 2268663 C 20070206; CN 1104951 C 20030409; CN 1235561 A 19991117; DE 69729744 D1 20040805; DE 69729744 T2 20050714; EP 0949965 A1 19991020; EP 0949965 B1 20040630; JP 2001503321 A 20010313; JP 3978234 B2 20070919; KR 100455846 B1 20041108; KR 20000052930 A 20000825; US 6022823 A 20000208

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